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**From:** Garland, Edward [Edward.Garland@hdrinc.com]  
**Sent:** 2/12/2018 2:52:04 PM  
**To:** Salkie, Diane [Salkie.Diane@epa.gov]; Wands, James [James.Wands@hdrinc.com]  
**Subject:** RE: Questions about the Passaic R  
**Attachments:** 20171127 Upper 9-Mile Plan Proposal to EPA.pdf

Diane,

For the first bullet regarding the basis of the RALs, would you prefer to point Peter to the text in the CPG's proposal (attached – see pages 5-8 of the pdf file) or have us prepare a summary of the points the CPG presents on pages 5-8?

On our call at 10am today, I assume we will talk about assigning each of the requests among our team.

Ed

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**From:** Salkie, Diane [mailto:Salkie.Diane@epa.gov]  
**Sent:** Monday, February 12, 2018 8:53 AM  
**To:** Wands, James <James.Wands@hdrinc.com>; Garland, Edward <Edward.Garland@hdrinc.com>  
**Subject:** FW: Questions about the Passaic R

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**From:** Salkie, Diane  
**Sent:** Monday, February 12, 2018 8:32 AM  
**To:** Scott Kirchner <kirchnersf@cdmsmith.com>; 'Franklin, Elizabeth A CIV USARMY CENWK (US)' <Elizabeth.A.Franklin@usace.army.mil>; Cooke, Daniel W. <cookedw@cdmsmith.com>; Frantz, Aaron <FrantzAR@cdmsmith.com>; Roberts, Keegan <robertsk@cdmsmith.com>  
**Cc:** LaPoma, Jennifer <LaPoma.Jennifer@epa.gov>  
**Subject:** FW: Questions about the Passaic R

Hi Team

Jen is busy with the 2 memos today so I am tasked with answering these questions from the TAG. Unfortunately I don't know the site well enough yet to answer them myself, so I could use some assistance. We have a call set up for 3 pm today so I need them asap.

Thanks  
Diane Salkie

Michael,  
I am back on task with the Passaic R. CAG and have been talking with the folks about the EPA presentations and the CPG materials that were sent to Debbie Mans. I have a few technical questions, and some are too much into the technical weeds to raise in the open CAG meeting:

- I am not clear on the origin of the two sediment clean-up numbers: 300 ppt TCDD and 1 ppm PCB. What is the source of these and how do they compare with other sites and the lower Passaic R.
- Do the human health and ecological endpoints include all the COPC's? (PAHs, Hg, DDX).
- Do the ecological endpoints/HQ's address rare and endangered and protected species such as Atlantic and Short Nose sturgeon, marine mammals, etc.?
- The numbers on slide 4 of EPA's CSM presentation are not perfectly clear in terms of what the mean values represent and the basis for them. The part that is not perfectly clear is the comparison between the mean values for the two rows of upper 9 miles v the entire 17.4 mi section of the river.
- The CPG proposes "performance measures" in PMP's but there is little explanation of what these measures are and how they will function in practice. I am familiar with PMP's from the Delaware River TMDL for PCBs, which are applied to facilities, not clean-ups.
- In 2012, EPA published an RfD for dioxin non-cancer health effects, and listed same in the IRIS database. How will the RfD be used?
- There was another round of sediment data, I think, and we need to see those data at your earliest.

Thanks and I know you are busy getting ready for tonight, and may have little chance for detailed reply at this time, but Debbie said that your office was open to questions and you are the best person for mine.

All best,

Peter

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